GCCS/DII COE System Integration Support

DII COE Segment Installation Procedures
(for WEBSv Version 1.0.0.2/1.12)

April 25, 1997

Prepared for:

DISA/JEJA
ATTN: Claire Burchell
45335 Vintage Park Plaza
Sterling, VA 20166-6701

Contract Number: DCA100-94-D-0014
Delivery Order Number: 330, Task 6
CDRL Number: A005

Prepared by:

Computer Sciences Corporation
Defense Enterprise Integration Services
Four Skyline Place
5113 Leesburg Pike, Suite 700
Falls Church, VA 22041

THIS DOCUMENT IS UNCLASSIFIED

Defense Information Infrastructure (DII)

Common Operating Environment (COE)

Segment Installation Procedures
Netsite Web Server (WEBSv) Version 1.0.0.2/1.12
(HP-UX 10.10)

April 25, 1997

Prepared for:

DISA/JEJA
ATTN: Claire Burchell
45335 Vintage Park Plaza
Sterling, VA 20166-6701

Prepared by:

Computer Sciences Corporation
Defense Enterprise Integration Services
Four Skyline Place
5113 Leesburg Pike, Suite 700
Falls Church, VA 22041

Table of Contents

Preface

The following conventions are used in this document:

Bold Used for information that is typed, pressed, or selected in executables and instructions. For example, select **connect to host**.

Italics Used for file names, directories, scripts, commands, user IDs, document names, and Bibliography references; and any unusual computerese the first time it is used in text.

<u>Underline</u> Used for emphasis.

Arrows <> Used to identify keys on the keyboard. For example <Return>.

"Quotation Marks" Used to identify informal, computer-generated queries and reports, or coined names; and to clarify a term when it appears for the first time. For example "Data-Generation Report."

`Courier Font` Used to denote anything as it appears on the screen or command lines. For example `tar xvf dev/rmt/3mm`.

Capitalization Used to identify keys, screen icons, screen buttons, field, and menu names.

1.   Installation Procedures for WEBSv

This document provides a quick reference for installing the Netsite Web Server (WEBSv) segment for the Defense Information Infrastructure (DII) on HP-based machines.

1.1   Scope

1.1.1   Identification

This section contains identification information for the WEBSv segment:

Segment Name:	Netsite Web Server
Segment Type:	SOFTWARE
Prefix:	WEBSv
Home Directory:	*/h/COE/Comp/WEBSv*
Distribution Type:	This software requires the following licenses: Netscape Commerce Server Version 1.1 (V1.1)
Version Number:	1.0.0.2/1.12
Platform:	HP (UNIX) Workstation/HP-UX 10.10.

1.1.2   System Overview

This section contains system overview information for the WEBSv segment:

Purpose:	The WEBSv is a HyperText Transfer Protocol (HTTP) World Wide Web (WWW) Server application produced by Netscape Communications Corporation which accepts and fulfills requests for documents and data from compatible HTTP client applications.
Usage:	Can be used to host large documents, graphics, and other media for access by a specific community of users (i.e., Defense Information Infrastructure (DII) teleconferencing sites).
References:	Reference documentation: *Netscape Commerce Server - Installation and Reference Guide (UNIX)* from Netscape Communications Corporation companies each licensed copy

of the Netscape Commerce Server). On-line references include the Netscape Home Page at *http://www.netscape.com*.

2. Referenced Documents

Netscape Commerce Server - Installation and Reference Guide (UNIX) from Netscape Communications Corporation (which accompanies each licensed copy of the Netscape Commerce Server).

3. System Environment

3.1   System Requirements

This section describes the system requirements for the installation of the Netsite Web Server segment.

3.1.1   Hardware Requirements

The following hardware requirements have been identified for testing the integration of the WEBSv segment:

HP Platform

- WEBSv V1.0.0.2/1.12
- OS: HP-UX 10.10
- DISK: 5100 KB
- MEMORY: 32000 KB.

3.1.2   Operating System Requirements

The following operating system requirements have been identified for testing the integration of the WEBSv segment:

HP Platform: HP-UX 10.10.

3.1.3   Kernel Requirements

The following DII COE kernel version has been identified for testing the integration of the WEBSv segment:

DII COE kernel V3.0.0.5 for HP-UX 10.10.

3.2 System and Site Preparations

None.

3.2.1 System Configuration

None.

3.2.2 Operation System Preparation

None.

3.2.3 Tape/Disk Preparation

Rewind tape before beginning the installation process.

4. Installation Instructions

4.1 Media Booting Procedures

None.

4.2 Installation Procedures

4.2.1 Pre-Installation Instructions for WEBSv

The WEBSv segment should be installed on the application server machine for your site.

When using the Segment Installer to install this segment, pay close attention to, and follow all instructions provided. Make note of any warning messages that may appear during the course of the installation.

NOTE: Help information is provided for some of the prompts displayed. You may access help information by entering a "?" where indicated.

4.2.1.1 Installation Walkthrough

The following is a brief walkthrough of the installation procedures for the WEBSv segment:

Step 1:   To install the WEBSv segment, select **Netsite Web Server** from the COE Installer's Select Software to Install window and click the **INSTALL** button.

Step 2a: When prompted, please enter the appropriate information.

```
        * * * Your Machine's Configuration * * *

        Fully-qualified Machine Name: <Machine Name>
        Host IP Address: <Machine's IP Address>
        Machine in your domain aliased as 'www' :  NONE

        Is the Machine Configuration information Correct?
```

**If the machine configuration information displayed is
not correct for your machine click the NO button when
prompted. The following message will be displayed:**

```
        * * * !!! Routine HALTED:  PostInstall Terminated at
        user's request !!! * * *

        Please check configuration of your machine before
        attempting to re-install this segment.  (See
        /tmp/WEBSv.install.message for details)
```

Click on the **OK** button to terminate the installation process. This will terminate
the installation procedures allowing you to check your machine's configuration and
make necessary modifications.

If the machine configuration information displayed is correct, click the **YES** button
when prompted.

```
        Enter Your Server's Name : (Default: <Your Machine's
        Name>) [Enter ? for Help]
```

When prompted, enter the correct server name for your Netsite Web Server if the
default server name specified is not correct and click the **OK** button. If your
machine has a DNS alias with the prefix "www", enter the full DNS alias name
here. Otherwise, click the **OK** button.

When prompted, confirm the name entered by clicking the **YES** or the **NO** button
to re-enter your server's name.

Step 2b: * * * Your Machine's Configuration * * *

```
        Fully-qualified Machine Name: <Machine Name>
        Host IP Address: <Machine's IP Address>
        Machine in your domain aliased as 'www' : <DNS Aliased
        Server Name>

        Do you wish to set up another www server in your
```

domain?

If another HTTP server has been located in your domain and you do _not_ wish to establish another server in your domain, click the NO button. The following message will be displayed:

Routine HALTED: A www server already exists for your domain! Can not specify this machine as a server if you are not establishing multiple www servers for your domain.

Click the OK button to terminate the installation procedure.

Step 2c: * * * Your Machine's Configuration * * *

Fully-qualified Machine Name: <Machine Name>
Host IP Address: <Machine's IP Address>
Machine in your domain aliased as 'www' : <u><DNS Aliased Server Name></u>

Is the Machine Configuration information Correct?

Click the YES button if the machine configuration information displayed is correct.

Do you wish to set up another www server in your domain?

If another HTTP server has been located in your domain and you wish to establish another server in your domain, click the YES button when prompted.

Enter Server Name to be used : (Default : <Your Machine's Name>)

When prompted, enter the correct server name for your Netsite Web Server if the default server name specified is not correct. If your machine has a DNS alias with the prefix "www", enter the full DNS alias name here.

Step 3:   Enter your Site/Installation Name (e.g., DISA - Test Lab)

Enter the name of your site/installation/facility. Your organization's name should be 64 characters long or less. When prompted, confirm the name entered by clicking the YES or the NO button to re-enter your

organization's name.

Step 4a: * * * Web Server Administrator Specifications * * *

You will now be able to specify the access name and
code (i.e., password) for the Web Server Administrator.
 Doing so will allow the administrator to perform
necessary admin functions.

Click the OK button to continue.

Step 4b: Administrator access name (Default: admin)

**Enter the login name for your web server administrator
if it is <u>not</u> "admin". Otherwise, press <Return> to
use the login name admin. When prompted, confirm the
login name entered by clicking the YES or the NO
button to re-enter the news administrator's login name.**

Step 5:   Please enter a non-null admin access code:

Password

Enter the access code (i.e., password) for your Web server administrator.

Step 6: Verify

**Re-enter the access code (i.e., password) for your Web
server administrator and click the OK button or press
<Return>. If this password differs from the first
password you entered, you will be prompted to enter the
password again. However, if the passwords match,
installation will continue.**

Step 7:   **Make note of all the information displayed in this
window. You will want to make note of the location of
start-up and shutdown scripts created for your Netsite
Web Server and administration server.**

The "start", "stop", and "restart" scripts have been
created in *${SEG_HOME}/${server_root}*

These scripts can be used to manually bring-down or
bring-up your server

Click the OK button to continue.

* * * Web Server Automatic Start-up * * *

```
This routine creates a boot script which enable your
server to be automatically restarted when this machine
is rebooted or power-cycled.  This script is called:

     /sbin/rc3.d/S98.start-httpd
```

Click the **OK** button to continue.
```
Running <fully-qualified server root>/start to start
your Web Server...
```

Click the OK button to continue.

```
Your server's configuration has been saved in the
following file(s):

     <fully-qualified>/config/magnus.conf
     <fully-qualified>/config/obj.conf
```

Click the OK button to continue.

```
The Netsite Web Server software has been loaded on your
machine.
```

Click the OK button to continue.

```
Starting Netscape to access the administration server.
 Please wait...
```

Click the OK button to continue.

Step 8:   ``* * * YOU'RE ALMOST DONE! * * *``

When Netscape comes up and displays the "DONE.html" page, read and carefully
follow all directions presented to configure your Netsite Web Server.

NOTE: After starting up the administration server, click on the highlighted reference tag to
access the web server administration server.

However, if you do not wish to configure your web server at this time, simply exit
Netscape.

4.2.2   De-Installing the WEBSv Segment

Step 1:   To de-install the WEBSv segment, select the WEBSv segment from the COE Installer's
Currently Installed Segments window and click on the **DEINSTALL**

SOFTWARE button.

Step 2a: * * * !!! WARNING: Your Root Documents May be Deleted !!!
* * *

If your server documentation exists under
/h/COE/Comp/WEBSv, then it will be deleted when this
segment is de-installed!! To save these documents,
terminate de-installation now!

**If you <u>do not</u> want to continue de-installation of this
segment at this time, click the NO button.**

* * * !!! Routine HALTED: DE-INSTALL Terminated at
User' Request !!! * * *

You have requested to terminate the de-installation of
your Netsite Web Server. If you need help saving root
document files, please contact your system
administrator.

Click the OK button to terminate de-installation.

Step 2b: * * * !!! WARNING: Your Root Documents May be Deleted
!!! * * *

If your server documentation exists under
/h/COE/Comp/WEBSv, then it will be deleted when this
segment is de-installed!! To save these documents,
terminate de-installation now!

If you want to continue the de-installation of this segment, click on the **YES**
button or press <**Return**>. No further prompts will be displayed.

4.3   Installation of Upgrades

None.

4.4   Installation Verification

To verify that this software has been installed correctly, please refer to the procedures outlined in
Appendix A of the *System Test Description - Netsite Web Server (WEBSv)* document which was
delivered with this segment.

4.5   Initializing the Software

Not required.

4.6   List of Changes and Enhancements

Refer to Section 3.3 of the *Version Description Document - Netsite Web Server (WEBSv)* for details regarding changes incorporated into this release of the WEBSv segment.

4.7   Important Considerations

None.

5.   Notes

None.

Appendices

None.